

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A remote station apparatus comprising:
a link quality estimation unit operative to generate a link quality estimation in response to a first power control instruction received on a common channel; and
a power control unit coupled to the link quality estimation unit, the power control unit operative to generate a second power control instruction in response to the link quality estimate, wherein the second power control instruction includes one or more commands configured to adjust a transmit power of the common channel at a base station.
2. (Original) The remote station apparatus of claim 1, wherein the remote station apparatus controls transmission power in response to the first power control instruction.
3. (Original) The remote station apparatus of claim 1, wherein the remote station apparatus transmits the second power control instruction.
4. (Previously presented) A base station apparatus comprising:
a determination unit operative to determine a received power control instruction for base station transmission on a common channel; and
an adjustment unit coupled to the determination unit, the adjustment unit operative to adjust a transmission power level of the power control instruction.
5. (Currently amended) A base station apparatus comprising:
a control processor for power control of base station transmission of power control instructions on a common channel, wherein a transmission power level of the power control instruction is initially set to a reference value; and
an amplifier operative to adjust a power level of the power control instructions.

6. (Cancelled)

7. (Previously presented) A method for power control in a wireless apparatus operative in a communication system having a forward link and a reverse link, the system transmitting power control bits on a forward link common channel, the method comprising:

measuring a SNR of at least one power control bit for controlling a reverse link; and

determining a power control decision for the forward link based on the SNR, wherein the power control decision includes one or more commands configured to adjust a transmit power of the common channel at a base station.

8. (Original) A method for power control in a wireless communication system, the system having a forward link and a reverse link, the system transmitting power control instructions on a forward link common channel, the method comprising:

determining a first power control instruction for control of the reverse link;

in response to receiving a second power control instruction on the reverse link, the second power control instruction for control of the forward link, determining a first transmission power level; and

transmitting the first power control instruction at the first transmission power level on the common channel.

9. (Cancelled)

10. (Cancelled)

11. (Previously presented) The base station apparatus of claim 4, wherein a transmission power level of the power control instruction is initially set to a reference value.

12. (Previously presented) The remote station apparatus of claim 1, wherein the link quality estimate is a SNR.

13. (Previously presented) A method for power control in a remote station apparatus, the method comprising:

generating a link quality estimation in response to a first power control instruction received on a common channel; and

generating a second power control instruction in response to the link quality estimate, wherein the second power control instruction includes one or more commands configured to adjust a transmit power of the common channel at a base station.

14. (Previously presented) The method of claim 13, further comprising controlling transmission power in response to the first power control instruction.

15. (Previously presented) The method of claim 13, further comprising transmitting the second power control instruction.

16. (Previously presented) The method of claim 13, wherein the link quality estimate is a SNR.

17. (Previously presented) A method for power control in a base station apparatus, the method comprising:

determining a received power control instruction for base station transmission on a common channel; and

adjusting a transmission power level of the power control instruction.

18. (Previously presented) The method of claim 17, wherein a transmission power level of the power control instruction is initially set to a reference value.

19. (Previously presented) A remote station apparatus comprising:
means for generating a link quality estimation in response to a first power control instruction received on a common channel; and

means for generating a second power control instruction in response to the link quality estimate,

wherein the second power control instruction includes one or more commands configured to adjust a transmit power of the common channel at a base station.

20. (Previously presented) The remote station apparatus of claim 19, further comprising means for controlling transmission power in response to the first power control instruction.

21. (Previously presented) The remote station apparatus of claim 19, further comprising means for transmitting the second power control instruction.

22. (Previously presented) The remote station apparatus of claim 19, wherein the link quality estimate is a SNR.

23. (Previously presented) A base station apparatus comprising:
means for determining a received power control instruction for base station transmission on a common channel; and
means for adjusting a transmission power level of the power control instruction,
wherein the means for adjusting are coupled to the means for determining.

24. (Previously presented) The base station apparatus of claim 23, wherein a transmission power level of the power control instruction is initially set to a reference value.

25. (Previously presented) A machine-readable medium embodying a method for power control in a remote station apparatus, the method comprising:
generating a link quality estimation in response to a first power control instruction received on a common channel; and
generating a second power control instruction in response to the link quality estimate,

wherein the second power control instruction includes one or more commands configured to adjust a transmit power of the common channel at a base station.

26. (Previously presented) A machine-readable medium embodying a method for power control in a base station apparatus, the method comprising:

determining a received power control instruction for base station transmission on a common channel; and

adjusting a transmission power level of the power control instruction.